

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003651**Date Inspected:** 16-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai,China**CWI Name:** C.M. Chen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Tim McClendon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

This Caltrans QA Inspector's has been assigned to the ZPMC, ABF, Caltrans group tagging team performing the review of numerous QC and QA documents for the purpose of continuing with the on-going group tagging of the segments identified below.

Green tags were assigned to the following by this QA Inspector, ABF rep. Josh Mead and ZPMC rep. Wang Lu, to the following Side Panels and Bottom Panels:

5AE

SP304A

SP331A

SP358A

BP110A

BP56A

BP164A

SP601A

SP561A

SP521A

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5BE

BP165A

BP111A

BP57A

SP332A

SP305A

SP359A

5CE

BP58A

SP306A

SP333A

Bay 1 Sub Assembly Shop - QA Observations:

1) OBG-Deck Panel Welding-

a) Gantry 1- This gantry is idle during this shift.

b)

c) Gantry 2- Caltrans QA Inspector observed ZPMC in the process of welding root pass (GMAW) OBG Deck Panels DP546-002. ZPMC MT inspection revealed 8 crack like liner indications on this 4 rib panel. A total of 192 tacks aer welded on this panel. ZPMC MT inspectors also inspected DP029A and found 0 indications on this panel.

Summary of Conversations:

No relevant conversations spoken on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady, Velasco 13816942685, who represents the Office of Structural Materials for your project.

Inspected By:	McClendon,Timothy	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer
